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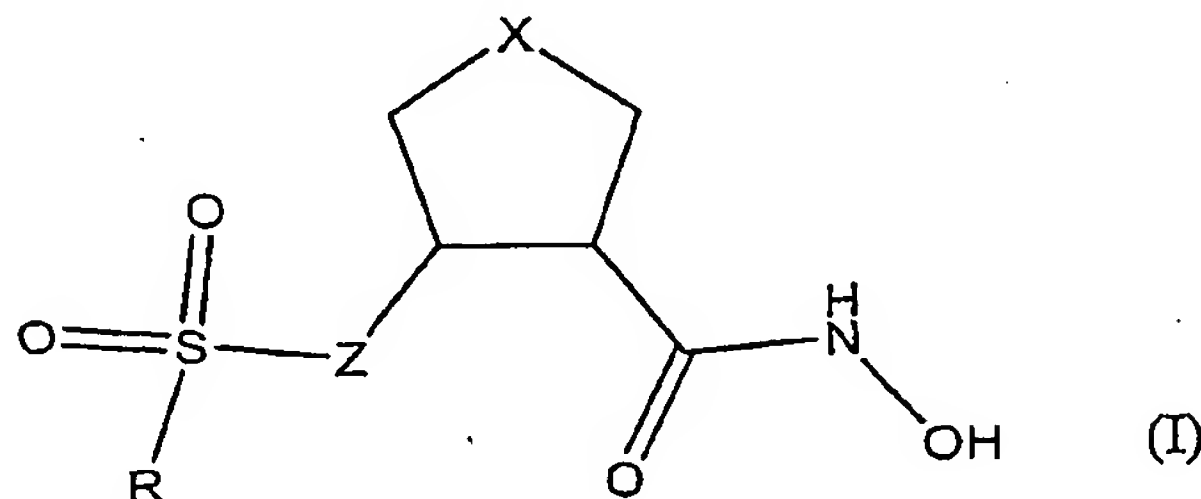
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(54) Title: **NONPEPTIDE INHIBITORS OF MATRIX METALLOPROTEINASES**



(57) Abstract: Disclosed are selective inhibitors of matrix metalloproteinases represented by the following formula (I), wherein X is $(CH_2)_nO$, $(CH_2)_nS$, $(CH_2)_nNR^1$, $(CH_2)_n(CH_2)$, or $CH=CH$, wherein n = 0, 1, or 2; R and R¹ are, independently, a substituted or unsubstituted alkyl, alkenyl, alkynyl, aryl, heteroaryl group, cycloalkyl, heterocycloalkyl, cycloalkenyl, or heterocycloalkenyl; and Z is NH or CH₂; or a pharmaceutically acceptable salt thereof. Also disclosed are methods of making such compounds and methods of using such compounds to inhibit tumor progression and to treat diseases such as arthritis.